

FORM PTO-1449/A and B (Modified)

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Sheet 1 of 4

APPLICATION NO.: 09/765,111

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FILING DATE: January 18, 2001

APPLICANT: Jonathan A. Fletcher et al.

GROUP ART UNIT: Not yet assigned

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U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Doc	cument	Name of Patentee or Applicant of Cited	Date of Publication or of issue
Initials#	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYY
45	A1	4,444,779		Kawamatsu, et al.	04/24/84
	A2	5,686,596		Mukherjee	11/11/97
	A3	5,696,104		Demarchez, et al.	12/09/97
	A4	5,730,975		Hotamisligil, et al.	03/24/98
	A5	5,747,250		Gruss, et al.	05/05/98
	A6	5,814,647		Urban, et al.	09/29/98
	A7	5,861,274		Evans, et al.	01/19/99
	A8	5,902,726		Kliewer, et al.	05/11/99
	A9	5,925,657		Seed, et al.	07/20/99
614	A10	5,968,960		Schwartz	10/19/99

FOREIGN PATENT DOCUMENTS

Examiner's	Cite	For	eign Patent Docu	ment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation
Initials#	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
450	B1	WO	95/10271			04/20/95	
OP	B2	WO	95/35108			12/28/95	
	B3	WO	96/33724			10/31/96	
	B4	WO	96/34943			11/07/96	
	B5	WO	97/17091			05/15/97	<u> </u>
46	В6	WO	98/25598			06/18/98	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the	Translation	
Initials#	No	item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue	(Y/N)	
		number(s), publisher, city and/or country where published.	1 '	
00	C1	POLEEV, Andrej et al, "Distinct functional properties of three human paired-box-protein, PAX8, isoforms		
05		generated by alternative splicing in thyroid, kidney and Wilms' tumors," Eur. J. Biochem., 1995, Vol. 228,		
DP		pp. 899-911		
	C2	MAULBECKER, Catharina C. et al., "The oncogenic potential of Pax genes," The EMBO Journal, 1993, Vol.		
		12, No. 6, pp. 2361-2367		
	C3	MOTOJIMA K., "Peroxisome proliferator-activated receptor (PPAR): structure, mechanisms of activation and		
1		diverse functions," Cell Struct Funct., Oct. 1993, 18(5):267-77 - Abstract		
	C4	BOGAZZI, F. et al., "A novel heterodimerization partner for thyroid hormone receptor. Peroxisome		
		proliferator-activated receptor," J. Biol. Chem., April 22, 1994, 269(16):11683-6 - Abstract		
	C5	TELL, G. et al., "structural defects of a Pax8 mutant that give rise to congenital hypothyroidism," Biochem. J.,		
		July 1, 1999, 341 (Pt 1):89-93 – Abstract	1	
	C6	MACCHIA, P.E. et al., "PAX8 mutations associated with congenital hypothyroidism caused by thyroid		
1		dysgenesis," Nat. Genet., May 1998, 19(1):83-6 - Abstract		
	C7	DAMANTE, G., "Thyroid defects due to Pax8 gene mutations," Eur. J. Endocrinol., Dec. 1998, 139(6):563-6	-	
1	C8	POLEEV, A. et al., "Distinct functional properties of three human paired-box-protein, PAX8, isoforms		
116		generated by alternative splicing in thyroid, kidney and Wilms' tumors," Eur. J. Biochem., March 15, 1995,		
40		228(3):899-911 - Abstract		





*	+		
the	C9	POLEEV, A. et al., "PAX8, a human paired box gene: isolation and expression in developing thyroid, kidney and Wilms' tumors," <i>Development</i> , Nov. 1992, 116(3):611-23 – Abstract	
OWE	<u>C10</u>	PLACHOV, D. et al., "Pax8, a murine paired box gene expressed in he developing excretory system and thyroid	
1 84	5	gland," Development, Oct. 1990, 110(2):643-51 – Abstract	
APR & 8 20	n Cal	KOZMIK, Z. et al., "Alternative splicing of Pax-8 gene transcripts is developmentally regulated and generates	
1	8 /2	isoforms with different transactivation properties," <i>Mol. Cell Biol.</i> , Oct. 1993, 13(10):6024-35 – Abstract PERALDI, P. et al., "Thiazolidinediones block tumor necrosis factor-alpha-induced inhibition of insulin	
12 48	8 2 2 S	signaling," J. Clin. Invest., Oct. 1, 1997, 100(7):1863-9 – Abstract	
TRADEMAR	C13	DEVCHAND, P.R. et al., "Chemical probes that differentially modulate peroxisome proliferator-activated	
4		receptor alpha and BLTR, nuclear and cell surface receptors for leukotriene B(4)," J. Biol. Chem., Aug. 13,	
	C14	1999, 274(33):23341-8- Abstract TONTONOZ, P. et al., "Terminal differentiation of human liposarcoma cells induced y ligands for peroxisome	
		proliferator-activated receptor γ and the retinoid X receptor," <i>Medical Sciences</i> , Jan. 1997, Vol. 94, pp. 237-241	
	C15	KUBOTA, Tetsuya et al., "Ligand for Peroxisome Proliferator-activated Receptor γ (Troglitazone)	
		Has Potent Antitumor Effect against Human Prostate Cancer Both in Vitro and in Vivo," Cancer	
	617	Research, August 1, 1998, Vol. 58, pp. 3344-3352	:
	C16	Editorial, "PPAR-the good news and the bad," <i>Nature Medicine</i> , Sept. 1998, Vol. 4, No. 9, pp. 981	
	C17	LEFEBVRE, Anne-Marie et al., "Activation of the peroxisome proliferator-activated receptor γ	
		promotes the development of colon tumors in C57BL/6J-APC ^{min} /+mice," <i>Nature Medicine</i> , Sept. 1998, Vol. 4, No. 9, pp. 1053-1057	
	C18	SAEZ, Enrique et al., "Activators of the nuclear receptor PPARγ enhance colon polyp formation,"	
		Nature Medicine, Sept. 1998, Vol. 4, No. 9, pp. 1058-1061	
	C19	MUELLER, Elisabetta et al., "Terminal Differentiation of Human Breast Cancer through PPARγ,"	
		Molecular Cell, February 1998, Vol. 1, pp. 465-470	
	C20	SARRAF, Pasha et al., "Loss-of-Function Mutations in PPARy Associated with Human Colon	
		Cancer," Molecular Cell, June 1999, Vol. 3(6), pp. 799-804	
	C21	SARRAF, Pasha et al., "Differentiation and reversal of malignant changes in colon cancer through	
	C22	PPARy, September 1998, Vol. 4, No. 9, pp. 1046-1052	
	C22	ELSTNER, Elena et al., "Ligands for peroxisome proliferator-activated receptor γ and retinoic acid receptor inhibit growth and induce apoptosis of human breast cancer cells <i>in vitro</i> and in BNX mice,"	
		Proc. Natl. Acad. Sci. USA, July 1998, Vol. 95, pp. 8806-8811	
	C23	TONG-CHUAN, He et al., "PPARδ Is an APC-Regulated Target of Nonsteroidal Anti-Inflammatory	
		Drugs," Cell, October 29, 1999, Vol. 99, pp. 335-345	
	C24	SEED, Brian, "PPARy and colorectal carcinoma: conflicts in a nuclear family," Nature Medicine,	
		September 1998, Vol. 4, No. 9, pp. 1004-1005	
	C25	KITAMURA, S. et al., "PPARgamma Inhibits the Expression of c-MET in Human Gastric Cancer	
		Cells through the Suppression of Ets," <i>Biochem. Biophys. Res. Commun.</i> , November 19, 1999, 265(2):453-456 – Abstract	
	C26	HIRASE, N. et al., "Thiazolidinedione Induces Apoptosis and Monocytic Differentiation in the	
		Promyelocytic Leukemia Cell Line HL60," Oncology, October 1999, 57 Suppl. S2:17-26 – Abstract	
	C27	TAKAHASHI, N. et al., "Activation of PPARgamma inhibits cell growth and induces apoptosis in	
		human gastric cancer cells," FEBS Lett, July 16, 1999, 455(1-2):135-9 - Abstract	
	C28	YEE, L.D. et al., "Peroxisome proliferator-activated receptor gamma activation in human breast	
	C20	cancer," Int. J. Oncol., November 1999, 15(5):967-73 – Abstract	
	C29	ASOU, H. et al., "Growth inhibition of myeloid leukemia cells by troglitazone, a ligand for peroxisome proliferator activated receptor gamma, and retinoids," <i>Int. J. Oncol.</i> , November 1999,	
		15(5):1027-31 – Abstract	
	C30	KUBOTA, T. et al., "Ligand for peroxisome proliferator-activated receptor gamma (troglitazone) has	
		potent antitumor effect against human prostate cancer both in vitro and in vivo," Cancer Res., August	
		1, 1998, 58(15):3344-52 - Abstract	
	C31	ELSTNER, E. et al., "Ligands for peroxisome proliferator-activated receptorgamma and retinoic acid	
		receptor inhibit growth and induce apoptosis of human breast cancer cells in vitro and in BNX mice,"	
	C32	Proc. Natl. Acad. Sci. USA, July 21, 1998, 95(15):8806-11 – Abstract LEFEBVRE, A.M. et al., "Activation of the peroxisome proliferator-activated receptor gamma	
	~~	promotes the development of colon tumors in C57BL/6J-APCMin/+mice," <i>Nat. Med.</i> , September	
 		1998, 4(9):1053-7 – Abstract	
	C33	SAEZ, E. et al., "Activators of the nuclear receptor PPARgamma enhance colon polyp formation,"	
		Nat. Med., September 1998, 4(9):1058-61 - Abstract	
59	C34	MANSEN, A. et al., "Expression of the peroxisome proliferator-activated receptor (PPAR) in the	
- 0			





		mouse colonic mucosa," Biochem. Biophys. Res. Commun., May 24, 1996, 222(3):844-51 - Abstract		_
	C35	BROCKMAN, J.A. et al., "Activation of PPARgamma leads to inhibition of anchorage-independent		_
TP		growth of human colorectal cancer cells, Gastroenterology, November 1999, 115(5):1049-55		
J. 19	C36	DuBOISE, R.N. et al., "The nuclear eicosanoid receptor, PPARgamma, is aberrantly expressed in		_
35	<u> </u>	colonic cancers," Carcinogenesis, January 1998, 19(1):49-53 – Abstract		
7 2 6 2001	C37	FUJIMURA, S. et al., "Effects of troglitazone on the growth and differentiation of hematopoietic cell		—
16	\$1	lines," Int. J. Oncol., December 1998, 13(6):1263-7 – Abstract		
7,	C38	KITAMURA, S. et al., "Peroxisome proliferator-activated receptor gamma induces growth arrest and	-	
THE COURT	7 638	differentiation markers of human colon cancer cells," <i>Jpn. J. Cancer Res.</i> , January 1999, 90(1):75-80		
TRADE		- Abstract		
	C39	DEMETRI, G.D. et al., "Induction of solid tumor differentiation by the peroxisome proliferator-		
- ~	(3)	activated receptor-gamma ligand troglitazone in patients with liposarcoma," <i>Proc. Natl. Acad. Sci.</i>		
44		USA, March 30, 1999, 96(7):3951-6 – Abstract	İ	
0,0	C40			
- 1	C40	SARRAF, P. et al., "Differentiation and reversal of malignant changes in colon cancer through		
		PPARgamma," Nat. Med., September 1998, 4(9):1046-52 - Abstract		
- 1	C41	RICOTE, M. et al., "The peroxisome proliferator-activated receptor-gamma is a negative regulator of		
		macrophage activation," Nature, January 1998, 391(6662):79-82 – Abstract	-30-	
1	C42	SU, C.G. et al., "A novel therapy for colitis utilizing PPAR-gamma ligands to inhibit the epithelial		
		inflammatory response," J. Clin. Invest., August 1999, 104(4):383-9 – Abstract		
	C43	IIJIMA, K. et al., "Expression of peroxisome proliferator-activated receptor gamma (PPARgamma)		
		in rat aortic smooth muscle cells," Biochem. Biophys. Res. Commun., June 18, 1998, 247(2):353-6 –		
		Abstract		
	C44	FORMAN, B.M. et al., "15-Deoxy-delta 12, 14-prostaglandin J2 is a ligand for the adipocyte		_
1		determination factor PPAR gamma," Cell, December 1, 1995, 83(5):803-12 - Abstract		
	C45	SCHULMAN, I.G. et al., "Transactivation by retinoid X receptor-peroxisome proliferator-activated		_
1		receptor gamma (PPARgamma) heterodimers: intermolecular synergy requires only the PPARgamma		
		hormone-dependent activation function," Mol. Cell Biol., June 1998, 18(6):3483-94 – Abstract		
	C46	SPIEGELMAN, B.M. et al., "PPAR gamma and the control of adipogenesis," <i>Biochimie</i> , Feb-March		
		1997, 79(2-3):111-2 – Abstract		
	C47	FREAKE, H.C., "A genetic mutation in PPAR gamma is associated with enhanced fat cell		
	ini s	differentiation: implications for human obesity," Nutr. Rev., May 1999, 57(5 Pt 1):154-6 - Abstract		
	C48	GORLA-BAJSZCZAK, A. et al., "Conserved amino acids in the ligand-binding and tau(i) domains		-
1		of the peroxisome proliferator-activated receptor alpha are necessary for heterodimerization with		
1		RXR," Mol. Cell Endocrinol., January 25, 1999, 147(1-2):37-47 – Abstract		
	C49	ROBINSON, C.E. et al., "DNA bending is induced by binding of the peroxisome proliferator-		-
1		activated receptor gamma 2 heterodimer to its response element in the urine lipoprotein lipase		
1		promoter," Biochem. Biophys. Res. Commun., March 27, 1998, 244(3):671-7 - Abstract		
	C50	OBERFIELD, J.L. et al., "A peroxisome proliferator-activated receptor gamma ligand inhibits		-
		adipocyte differentiation," Proc. Natl. Acad. Sci. USA, May 25, 1999, 96(11):6102-6 - Abstract		
	C51	PALMER, C.N. et al., "Peroxisome proliferator activated receptor-alpha expression in human liver,"		-
	001	Mol. Pharmacol., January 1998, 53(1):14-22 – Abstract		
	C52	GRINDFLEK, E. et al., "Characterisation of porcine peroxisome proliferator-activated receptors		-
	0.52	gamma 1 and gamma 2: detection of breed and age differences in gene expression," <i>Biochem</i> .		
	C53	Biophys. Res. Commun., August 28, 1998, 249(3):713-8 – Abstract		_
1	C33	SUNDVOLD, H. et al., "Characterisation of bovine peroxisome proliferator-activated receptors		
1		gamma 1 and gamma 2: genetic mapping and differential expression of the two isoforms," <i>Biochem.</i>		
	C54	Biophys. Res. Commun., October 29, 1997, 239(3):857-61 - Abstract		_
1	C34	BRAISSANT, O. et al., "Differential expression of peroxisome proliferator-activated receptors		
1		(PPARs): tissue distribution of PPAR-alpha, -beta, and -gamma in the adult rat," <i>Endocrinology</i> ,		
	1055	January 1996, 137(1):354-66 – Abstract		_
- 1	C55	ELBRECHT, A. et al., "Molecular cloning, expression and characterization of human peroxisome		
- 1		proliferator activated receptors gamma 1 and gamma 2," Biochem. Biophys. Res. Commun., July 16,		
		1996, 224(2):431-7 – Abstract		_
- 1	C56	WERMAN, A. et al., "Ligand-independent activation domain in the N terminus of peroxisome		
(proliferator-activated receptor gamma (PPARgamma). Differential activity of PPARgamma1 and -2		
		isoforms and influence of insulin," J. Biol. Chem., August 8, 1997, 272(32):20230-5 - Abstract		
	C57	WESTIN, S. et al., "Interactions controlling the assembly of nuclear-receptor heterodimers and co-		
		activators," <i>Nature</i> , September 10, 1998, 395(6698):199-202 – Abstract		_
A 0	C58	LEHMANN, J.M. et al., "An antidiabetic thiazolidinedione is a high affinity ligand for peroxisome		





·			
10	ا ما	proliferator-activated receptor gamma (PPAR gamma)," J. Biol. Chem., June 2, 1995,	
13		270(22):12953-6 – Abstract	
0,5	C59	KLIEWER, S.A. et al., "Differential expression and activation of a family of murine peroxisome	
1 48	200 E 0	proliferator-activated receptors," Proc. Natl. Acad. Sci. USA, July 19, 1994, 91(15):7355-9 - Abstract	
APR 2 6	300 €0	DiRENZO, J. et al., "Peroxisome proliferator-activated receptors and retinoic acid receptors	
- ""(/ "		differentially control the interactions of retinoid X receptor heterodimers with ligands, coactivators,	
13 78	23) 23)	and corepressors," Mol. Cell Biol., April 1997, 17(4):2166-76 - Abstract	
No.	0061	MIZUKAMI, J. et al., "The antidiabetic agent thiazolidinedione stimulates the interaction between	
PROEN	INT	PPAR gamma and CBP," Biochem. Biophys. Res. Commun., November 7, 1997, 240(1):61-4 -	
79		Abstract	
	C62	HSU, M.H. et al., "A carboxyl-terminal extension of the zinc finger domain contributes to the	
		specificity and polarity of peroxisome proliferator-activated receptor DNA binding," J. Biol. Chem.,	
66		October 23, 1998, 273(43):27988-97 – Abstract	
700	C63	GELMAN, L. et al., "p300 interacts with the N- and C-terminal part of PPARgamma2 in a ligand-	
\perp I		independent and -dependent manner, respectively," J. Biol. Chem., March 19, 1999, 274(12):7681-8	
1 1		- Abstract	
	C64	WILSON, T.M. et al., "Peroxisome proliferator-activated receptor agonists," Curr. Opin. Chem.	
1 1		Biol., August 1997, 1(2):235-41 – Abstract	
	C65	DOWELL, P. et al., "Identification of nuclear receptor corepressor as a peroxisome proliferator-	
	İ	activated receptor alpha interacting protein," <i>J. Biol. Chem.</i> , May 28, 1999, 274(22):15901-7 –	
		Abstract	
	C66	AUWERX, J. et al., "Regulation of triglyceride metabolism by PPARs: fibrates and	
		thiazolidinediones have distinct effects," J. Atheroscler. Thromb., 1996, 3(2):81-9 – Abstract	
	C67	BERGER, J. et al., "Novel peroxisome proliferator-activated receptor (PPAR) gamma and	
	,	PPARdelta ligands produce distinct biological effects," <i>J. Biol. Chem.</i> , March 5, 1999, 274(10):6718-	
		25 – Abstract	
	C68	WILLSON, T.M. et al., "Discovery of ligands for the nuclear peroxisome proliferator-activated	
	000	receptors," Ann. N.Y. Acad. Sci., December 27, 1996, 804:276-83 – Abstract	
	C69	SPIEGELMAN, B.M., "PPAR-gamma: adipogenic regulator and thiazolidinedione receptor,"	
	(0)	Diabetes, April 1998, 47(4):507-14 – Abstract	
	C70		
4	C71	SPENCER, C.M. et al., "Troglitazone," <i>Drugs</i> , July 1997, 54(1):89-101, discussion 102 – Abstract	
	C/1	SHAO, D. et al., "Interdomain communication regulating ligand binding by PPAR-gamma," <i>Nature</i> ,	
	072	November 26, 1998, 396(6709):377-80 – Abstract	
	C72	NOLTE, R.T. et al., "Ligand binding and co-activator assembly of the peroxisome proliferator-	
		activated receptor-gamma," Nature, September 10, 1998, 395(6698):137-43 – Abstract	
1	C73	SCHOONJANS, K. et al., "Peroxisome proliferator-activated receptors, orphans with ligands and	
		functions," Curr. Opin. Lipidol., June 1997, 8(3):159-66 – Abstract	
مريار ا	C74	LIN, Q. et al., "Ligand selectivity of the peroxisome proliferator-activated receptor alpha,"	
88		Biochemistry, January 5, 1999, 38(1):185-90 – Abstract	

Biochemistry, January 5, 1999, 38(1):185-90 - Abstract	
EXAMINER Cally Cali	DATE CONSIDERED	
#EXAMINER: Initial if reference considered, whether or not citation is in Include copy of this form with next communication to applicant.	n conformance with MPEP 609; Draw line through citation if not in con	nformance and not considered.
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FORM P	ГО-1449/А г	and B (Modified) & TRAD	PLICATION NO.: 09/765,111	ATTY. DOCKET NO.: B0801/71965 B U 4 200
		ON DISCLOSURE	FILING DATE: January 18, 2001	TECH CENTER 1600/2
STAT	EMENT	BY APPLICANT	APPLICANT: Jonathan A. Fletcher et al.	1600/2
Sheet	1	of 1	GROUP ART UNIT: 1645	EXAMINER: Not yet assigned
			II S DATENT DOCUMENTS	

Examiner's	Cite	U.S. Patent Doci	ment	Name of Patentee or Applicant of Cited	Date of Publication or of issue
Initials#	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYY

FOREIGN PATENT DOCUMENTS

			Fore	eign Patent Docu	ment	Name of Patantas or Applicant of Cited	Date of Publication of	
	Examiner's Initials#	Cite No.	Office/ Country	Number	Kind Code	Name of Patentee or Applicant of Cited Document (not necessary)	Cited Document MM-DD- YYYY	Translation (Y/N)
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
46	C75	KROLL, T.G., et al, "PAX8-PPARγ1 fusion oncogen in human thyroid carcinoma," Science, 2000, Vol. 289, No. 5483, pp. 1357-1360	
88	C76	MUELLER, E., et al, "Effects of ligand activation of peroxisome proliferator-activated receptor-γ in human prostate cancer," Proceedings of the National Academy of Sciences USA, 2000, Vol. 97, No. 20, pp. 10990-10995	
84	C77	SIDRANSKY, D. "Nucleic acid-based methods for the detection of cancer," Science, 1997, Vol. 278, pp. 1054-1058	

EXAMINER	DATE CONSIDERED
Cally (an-	1/20/22
	(40 09

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